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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Seung-Won CHOI

Application Division

Serial No. : 09/734,670

Filed : December 13, 2000

For : SIGNAL PROCESSING METHOD FOR USE IN AN ARRAY ANTENNA  
SYSTEM IN CDMA MOBILE TELECOMMUNICATIONS NETWORK  
AND RECORDING MEDIUM THEREFOR

**COVER LETTER**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts of Application Filing Date Granted (copy attached) of February 9, 2001, the period for response being set to expire April 9, 2001, please find enclosed:

- an executed Declaration and Power of Attorney;
- a Substitute Specification, as required by the Examiner (including 30 pages of specification with abstract and 4 sheets of Drawings); and
- an Information Disclosure Statement, form PTO-1449, and a reference cited.

Also enclosed is:

- a check in the amount of \$65.00 as payment of the surcharge for late filing of the declaration.

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The Commissioner is hereby authorized to charge any additional fee, or credit any overpayment to Deposit Account No. 19-0089.



Respectfully submitted,  
Seung-Won CHOI

*Leslie J. Paperner* Reg. No. 33,329  
Bruce H. Bernstein  
Reg. No. 29,027

April 9, 2001  
GREENBLUM & BERNSTEIN, P.L.C.  
1941 Roland Clarke Place  
Reston, VA 20191  
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## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/734,670	12/13/2000	Seung-won Choi	P20363

CONFIRMATION NO. 4670

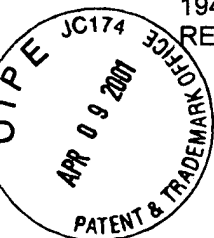
## FORMALITIES LETTER



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GREENBLUM & BERNSTEIN  
1941 ROLAND CLARKE PLACE  
RESTON, VA 20191

Date Mailed: 02/09/2001



## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

RECEIVED

FILED UNDER 37 CFR 1.53(b)

FEB 15 2001

Filing Date Granted

GREENBLUM &amp; BERNSTEIN, P.L.C.

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 65.

The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- A substitute specification in compliance with 37 CFR 1.52 because:
  - The specification cannot be scanned or properly stored. Page(s)
    - Papers must be legibly written either by a typewriter or mechanical printer in permanent ink or its equivalent in portrait orientation on flexible, strong, smooth, non-shiny, durable, and white paper. Application papers must be presented in a form having sufficient clarity and contrast between the paper and the writing thereon to permit the direct reproduction of readily legible copies in any number by use of photographic,

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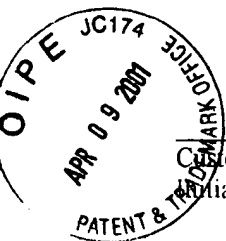
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electrostatic, photo-offset, and microfilming processes and electronic reproduction by use of digital imaging and optical character recognition. Pages **pag. 14, 15, 19, 25 and 27** are not in compliance with 37 CFR 1.52(a).

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*A copy of this notice MUST be returned with the reply.*



*freeman*

Customer Service Center

Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE